

Inside Wallops

National Aeronautics and Space Administration
Goddard Space Flight Center
Wallops Flight Facility, Wallops Island, Va.

Volume XX-06 Number 18

May 22, 2006



Runway Friction Workshop Returns to Wallops

Airplanes of different types and sizes are often spotted using the Wallops runway.

This week there will be unusual activity on the runway, which will be used by an assortment of cars and trucks.

These are not the John Q. Public family vehicles. They are outfitted with high-tech equipment to record data from various tests.

Wallops will host the 13th annual Tire/Runway Friction Workshop this week.

The workshop, sponsored by NASA Langley Research Center, is to obtain a better understanding of different runway friction measurement procedures and factors influencing tire and/or runway friction performance.

One goal of the workshop is to identify methods to improve harmonization between the different measurement devices and test procedures used throughout the world.



For the first time an effort will be made to evaluate several factors impacting noise generated from tires and pavement.



Sixty-eight representatives from U.S. military, government, academia, aviation industry groups, tire manufacturers, pavement surface treatment companies and airport operators are expected to attend.

Thirty foreign national representatives are registered from Canada, Hungary, Japan, Sweden, Australia, Taiwan, Malaysia, P.R. China, Uruguay and the United Kingdom.

Tom Yeager, Senior Research Engineer, NASA Langley Research Center, is the workshop coordinator.



Different pavement roughness measuring devices will be evaluated. The

workshop also will provide an opportunity to observe new test and pavement treatment equipment in operation.

Memorial Day -- In memory of those who have died in our nation's service.



Memorial Day, originally called Decoration Day, was officially proclaimed on May 5, 1868, by General John Logan, national commander of the Grand Army of the Republic.

The first observance was on May 30, 1868, when flowers were placed on the graves of Union and Confederate soldiers at Arlington National Cemetery.

The first state to officially recognize the holiday was New York in 1873. By 1890 it was recognized by all of the northern states.

The South refused to acknowledge the day, honoring their dead on separate days until after World War I when the holiday changed from honoring just those who died fighting in the Civil War to honoring Americans who died fighting in any war.

It is now celebrated in almost every State on the last Monday in May.

Salisbury University students along with Charles Lipsett, SWALES, (right), examine their extended 1/2 Scale Patriot, Small-scale Educational Rocketry Initiative (SERI) rocket prior to a successful launch from Wallops Island on May 17.

The student designed parachute ejection system functioned, but the motor section separated when the main chute deployed. The motor and parts of the payload were recovered by the U.S. Coast Guard Auxiliary.

The seven member student team received good engineering data via telemetry and stated in the mission debrief that this mission was the "highlight of their college career."

Beritt Bland, BBCO, was the mission manager.



Photo by Lee Wingfield

The next Inside Wallops will be June 5. Have a safe holiday weekend.



Wallops Shorts.....

On the Road

Ed Parrott, Wallops-Teacher-on Loan, spoke to 90 pre-K to second grade students at Broadwater Academy, Exmore, Va., on May 17.

Rob Hurley, NASA Range and Mission Management Office, participated in a Career Day event at the Westside Intermediate School, Hebron, Md., on May 19.

In the News

Smithsonian Air & Space Magazine

"Mars, Venus, Titan - wherever there's air, we can explore by balloon."

Launch

A NASA Terrier-MK12-Improved Orion sounding rocket was launched from White Sands Missile Range, N.M., on May 22. The mission was a developmental flight of NASA Sounding Rocket Operations Contract, (NSROC), celestial attitude control system (ACS). The vehicle, telemetry system, and recovery system performed as intended. The ACS was subjected to the flight environment and data collected. It appears that a problem with the ST-5K star tracker manifested itself near Orion burnout, which resulted in the ACS not being able to complete its maneuvers. The GLN-MAC appears to have performed as expected (under the circumstances). Recovery delayed due to other range operations. The principal investigator was Walt Costello, NSROC. The mission manager was Bruce Scott, NSROC.

National Geographic Films at WFF



Photo by Keith Koehler

A film crew from National Geographic visited Wallops May 18 and 19 as part of the 2006-07 JASON Project "Monster Storms." The crew spent the two days talking with Anthony Guillory, Aircraft Office, (second from left) on the use of the Aerosonde UAV to study hurricanes and tropical storms.

The crew will return the week of July 10 to complete their filming. For more information on the JASON Project, visit: <http://www.jasonproject.org/>

Top 10 Reasons to Skip the Seat Belt From The Good Times Guide

1. You heard people in a coma lose weight.
2. Your seat belt doesn't match the color of your shoes and purse.
3. Your "tush" looks good in a hospital gown.
4. Bandages make your muscles look bigger.
5. Losing your teeth will eliminate the need for brushing.
6. Road rash is a cheap form of microderm abrasion.
7. The makeover show turned you down and this might be a way to get plastic surgery.
8. You want to find out if "The Force" is really with you.
9. A body cast will hide your figure flaws.
10. Skidding on asphalt is a way to stone wash jeans.

If you think these sound ridiculous, consider this: If you're pulled over because you've broken the law and you're not wearing your safety belt, you'll get a ticket – but that's the least of your worries – think about the pain, possible disfigurement and even death.

Reprinted with permission from Drive Safe Hampton Roads: www.drivesafehr.org

"Click It Or Ticket" is one of several programs under the Smart, Safe and Sober partnership, a statewide program dedicated to preventing death and injury on Virginia roadways. It is a joint partnership of Wallops Security, the Virginia Association of Chiefs of Police, the Virginia Department of State Police, the Virginia Sheriffs' Association, DRIVE SMART Virginia, and the Virginia Department of Motor Vehicles.

Brown Bag Luncheon

"Overview of Current Scientific Research" by Dr. John Gerlach, Wallops Instrumentation Sciences Branch

May 24

11:30 a.m. to 12:30 p.m.

E-2 Williamsburg Room

Contact Jessica Thompson at x1080 for further information.

Virginia State Boating Course

May 23 & 24, 2006

Registration May 23 @ 6:30 pm
Chincoteague Fire Company
Main Street, Chincoteague,
VA



Sponsored by U.S. Coast Guard Auxiliary. For further information call Janie Conquest at (757) 824-6335

Government Surplus Auction Sale

At the Cropper Center
Wednesday, June 7

For further information call x1133 or x2331. For a complete listing that includes make, model & serial numbers visit: <http://sales.gsfc.nasa.gov/> The site is not available until one week prior to the sale.

For Sale

Four tires and wheels. 15x8 Aluminum Wheels and 31x10.5 BFGoodrich Tires. Fit Jeep Wrangler, Cherokee, and Grand Cherokee (93-98), Ford Rangers. Call Jason Reese 757 894-2774

For Rent

101 Brentwood Cr., Pocomoke, Md., 4 bedrooms, 2.5 baths, 2 car garage, screened back porch, appliances included, large wooded lot. No pets. Available July 1. Rent \$1000/month, security deposit \$500. Call 301 464-9596.

Inside Wallops is an official publication of Goddard Space Flight Center and is published by the Wallops Office of Public Affairs, Extension 1584, in the interest of Wallops employees. Recent and past issues of *Inside Wallops* also may be found on the NASA Wallops Flight Facility homepage: www.wff.nasa.gov

Editor
Asst. Editor

Betty Flowers
Rebecca Hudson